

Title (en)
METHOD AND APPARATUS OF HANDLING DISCONTINUOUS RECEPTION (DRX) TIMER FOR MULTICAST DATA RECEPTION IN A WIRELESS COMMUNICATION SYSTEM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HANDHABUNG EINES DISKONTINUIERLICHEN EMPFANGSZEITGEBERS (DRX) ZUM MULTICAST-DATENEMPfang IN EINEM DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)
PROCÉDÉ ET APPAREIL DE GESTION DE TEMPORISATEUR DE RÉCEPTION DISCONTINUE (DRX) POUR LA RÉCEPTION DE DONNÉES DE MULTIDIFFUSION DANS UN SYSTÈME DE COMMUNICATION SANS FIL

Publication
EP 4354777 A1 20240417 (EN)

Application
EP 23200020 A 20230927

Priority
US 202263414944 P 20221011

Abstract (en)
A method and apparatus are disclosed. In an example from the perspective of a User Equipment, UE, the UE receives and/or detects a multicast transmission of downlink data on a configured downlink multicast resource, wherein the multicast transmission is associated with a Hybrid Automatic Repeat Request, HARQ, process (1005). The UE starts a multicast HARQ Round Trip Time, RTT, timer associated with the HARQ process (1010). The UE determines whether to start a unicast HARQ RTT timer associated with the HARQ process based on whether the UE is configured with a Configured Scheduling Radio Network Temporary Identifier, CS-RNTI, (1015).

IPC 8 full level
H04L 1/1822 (2023.01); **H04L 1/1829** (2023.01); **H04L 1/00** (2006.01)

CPC (source: EP KR US)
H04L 1/1812 (2013.01 - KR US); **H04L 1/1822** (2013.01 - EP); **H04L 1/1848** (2013.01 - KR); **H04L 1/1851** (2013.01 - EP US); **H04W 4/06** (2013.01 - KR); **H04W 72/23** (2023.01 - KR); **H04W 72/30** (2023.01 - US); **H04W 76/28** (2018.02 - KR); **H04L 2001/0093** (2013.01 - EP); **Y02D 30/70** (2020.08 - KR)

Citation (applicant)

- "3GPP TSGRAN; Radio Resource Control (RRC) protocol specification (Release 16", 3GPP TS 36.331, March 2020 (2020-03-01)
- "3GPP TSGRAN; Medium Access Control (MAC) protocol specification (Release 16", 3GPP TS 36.321, March 2020 (2020-03-01)
- "3GPP TSGRAN; Medium Access Control (MAC) protocol specification (Release 17", 3GPP TS 38.321, June 2022 (2022-06-01)
- "3GPP TSG RAN; NR; NR and NG-RAN Overall Description; Stage 2 (Release 17", 3GPP TS 38.300, June 2022 (2022-06-01)
- "3GPP TSGRAN; NR; NR and NG-RAN Overall Description; Stage 2 (Release 17", 3GPP TS 38.213, June 2022 (2022-06-01)
- "3GPP TSGRAN; NR; Radio Resource Control (RRC) protocol specification (Release 17", 3GPP TS 38.331, June 2022 (2022-06-01)
- HUAWEI, CBNHISILICON: "Clarifications on DRX and HARQ buffer handling", R2-2209656
- 3GPP TS 36.331, March 2020 (2020-03-01)
- 3GPP TS 36.321, March 2020 (2020-03-01)
- 3GPP TS 38.321, June 2022 (2022-06-01)
- "Downlink Layer 2 Architecture for Multicast Session", 3GPP TS 38.300, June 2022 (2022-06-01)
- "Downlink Layer 2 Architecture for Broadcast Session", 3GPP TS 38.300, June 2022 (2022-06-01)
- 3GPP TS 38.213, June 2022 (2022-06-01)
- 3GPP TS 38.331, June 2022 (2022-06-01)

Citation (search report)

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- [X] OPPO ET AL: "Corrections on MBS", vol. RAN WG2, no. Online; 20220509 - 20220520, 27 May 2022 (2022-05-27), XP052156798, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2206771.zip R2-2206771 38321CR-Corrections on MBS.docx> [retrieved on 20220527]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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DOCDB simple family (application)
EP 23200020 A 20230927; CN 202311256206 A 20230927; KR 20230130602 A 20230927; US 202318373321 A 20230927